PTO/SB/21 (02 Approved for use through 07/31/2006. OMB 0651-0031

10/657,907

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**Application Number** 

MARIE							
TRANSMITTAL	Filing Date	September 9, 2003					
FORM	1	First Named Inventor	Mai	k A. Reiley			
(to be used for all correspondence after initial f	îling)	Art Unit	373	8			
		Examiner Name	Dav	rid J. Isabella			
Total Number of Pages in This Submission		Attorney Docket Number	299	14-701.405			
	ENCLOSUR	RES (Check all that apply)					
Fee Transmittal Form	Drawing	(s)		After Allowance communication to Technology Center (TC)			
Fee Attached	Licensin	g-related Papers		Appeal Communication to Board of Appeals and Interferences			
Amendment/Reply	Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After Final		to Convert to a		Proprietary Information			
Affidavits/declaration(s)	Provisional Application  Power of Attorney, Revocation Change of Correspondence Address			Status Letter			
Extension of Time Request	Terminal Disclaimer		$\boxtimes$	Other Enclosure(s) (please identify below): 1. Return receipt postcard			
Express Abandonment Request	Request for Refund			2. PTO/SB/08			
Information Disclosure Statement	CD, Number of CD(s)			3. Copies of references #108-144			
Certified Copy of Priority Document(s)	marks						
Response to Missing Parts/ Incomplete Application							
Response to Missing Parts							
under 37 CFR 1.52 or 1.53	DE OE A DDI	LICANT, ATTORNEY OR AC	TENT				
Firm	CE OF AFFI	CICANT, ATTORNET OR AC	ENI				
	, WILSON SONSINI GOOD	RICH	I & ROSATI				
Signature							
Date December , 2005							
CERT	IFICATE OI	F TRANSMISSION/MAIL INC	:				
CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient							

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, 2005

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Typed or printed name

Signature

Frank Chen



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Mark A. Reiley

Serial Number: 10/657,907

Filing Date: September 9, 2003

Title: FACET ARTHROPLASTY DEVICES AND

**METHODS** 

Group Art Unit: 3738

Examiner: David J. Isabella

**CONFIRMATION NO: 5636** 

## Certificate of Mailing or Transmission 37 CFR §1.8

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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Sir:

Applicant hereby submits an Information Disclosure Statement along with attached form(s) PTO/SB/08. A copy of each listed publication is being submitted, if required, pursuant to 37 C.F.R. §§1.97-1.98, as indicated below.

Applicant respectfully requests that the listed information be considered by the Examiner and be made of record in the above-identified application. Applicant further requests that the Examiner initial and return the attached form(s) PTO/SB/08 in accordance with MPEP §609.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in §1.56.

because		R §1.97	(b). This Information Disclosure Statement should be considered by the Office
		(1)	It is being filed within 3 months of the application filing date of a national application and is other than a continued prosecution application under §1.53(d);  OR
		(2)	It is being filed within 3 months of entry of a national stage as set forth in §1.491 in an international application;  OR
		(3)	It is being filed before the mailing date of the first Office Action on the merits; OR
		(4)	It is being filed before the mailing of a first Office Action after the filing of a reques for continued examination under §1.114.
	specific office closes	ed in 37 action un prosecut	CFR §1.97(b), above, it is filed before the mailing date of the earlier of (1) a final order §1.113, (2) a notice of allowance under §1.311, or (3) an action that otherwise ion on the merits, this Information Disclosure Statement should be considered because ed by one of:
		a certifi	ication as specified in §1.97(e) provided concurrently herewith; OR
			f \$180.00 as set forth in §1.17(p) authorized below, enclosed, or included with the of other papers filed together with this statement.
	date of	the earl	d). Although this Information Disclosure Statement is being filed after the mailing file of (1) a final office action under §1.113 or (2) a notice of allowance under §1.311 before payment of the issue fee and should be considered because it is accompanied
	A.	a certifi	cation as specified in §1.97(e); and
	В.		f \$180.00 as set forth in \$1.17(p) is authorized below, enclosed, or included with the at of other papers filed together with this Statement.
	37 CFI	R §1.97(6 37 CFR §	e). A certification signed by an Attorney of Record is provided herewith as required §1.97(b) and (c).
$\boxtimes$	37 CFI	R §1.98(a	a)(2). The content of the Information Disclosure Statement is as follows:
		Copies herewit	of each of the references listed on the attached Form PTO/SB/08A are enclosed h.
	$\boxtimes$		of U.S. Patent Documents (issued patents and patent publications) listed on the Form PTO/SB/08A are NOT enclosed.
			AND/OR of Foreign Patent Documents and/or Non Patent Literature Documents listed on the Forms PTO/SB/08A-B are enclosed in accordance with 37 CFR §1.98(a)(2) AND/OR
			of pending unpublished U.S. patent applications are enclosed in accordance with §1.98(a)(2)(iii).

$\boxtimes$	37 CF		sure Statement includes non-English patents and/or
		Pursuant to 37 CFR §1.98(a)(3)(i), a publication or other information provide	concise explanation of the relevance of each patent, ed that is not in English is provided herewith.
		Pursuant to 37 CFR §1.98(a)(3)(ii), a reference(s) is provided herewith.	copy of a translation of the non-English language
			and WO 03/041618 A2 were published in French. The awings are sufficient to convey the scope of their
•			complete translation of any of the above mentioned their disclosure, Applicant(s) will endeavor to provide test.
			n corresponding patent application(s), submitted in attached certification under 37 CFR §1.97(e)(1).
	\$0.00 a	thorization. The Commissioner is here and charge any additional fees or credit posit Account No. 23-2415 (Docket No. 29)	by authorized to charge the above-referenced fees of any overpayment associated with this communication 9914-701.405).
			Respectfully submitted,
			WILSON SONSINI GOODRICH & ROSATI
Dated:	Decemb	per \U , 2005	ву:
650 Pa	ge Mill I	Road	Cecily Anne O'Regan, Reg. No. 37,448

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Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

7

Complete if Known						
Application Number	10/657,907					
Filing Date	September 9, 2003					
First Named Inventor	Mark A. Reiley					
Art Unit	3738					
Examiner Name	David J. Isabella					
Attorney Docket Number	29914-701 405					

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	1	US 4,156,296	05-29-1979	Johnson et al.				
,	2	US 4,210,317	07-01-1980	Spann et al.				
	3	US 4,231,121	11-04-1980	Lewis				
	4	US 4,394,370	07-19-1983	Jefferies				
	5	US 4,472,840	09-25-1984	Jefferies				
	6	US 4,611,581	09-16-1986	Steffee				
	7	US 4,805,602	02-21-1989	Puno et al.				
	8	US 4,955,916	09-11-1990	Carignan et al.				
	9	US 5,000,165	03-19-1991	Watanabe				
	10	US 5,015,255	05-14-1991	Kuslich				
	11	US 5,019,081	05-28-1991	Watanabe				
	12	US 5,062,845	11-05-1991	Kuslich et al.				
	13	US 5,129,900	07-14-1992	Asher et al.	<u>-</u>			
	14	US 5,284,655	02-08-1994	Bogdansky et al.				
	15	US 5,300,073	04-05-1994	Ray et al.				
	16	US 5,314,476	05-24-1994	Prewett et al.				
	17	US 5,405,390	04-11-1995	O'Leary et al.				
	18	US 5,445,639	08-29-1995	Kuslich et al.				
	19	US 5,474,555	12-12-1995	Puno et al.				
	20	US 5,491,882	02-20-1996	Walston et al.				
	21	US 5,507,823	04-16-1996	Walston et al.				
	22	US 5,510,396	04-23-1996	Prewett et al.				
	23	US 5,569,247	10-29-1996	Morrison				
	24	US 5,571,191	11-05-1996	Fitz				
	25	US 5,587,695	12-24-1996	Warmerdam ·				
	26	US 5,658,338	08-19-1997	Tullos et al.				

Examiner	Date	
Signature	Considered	

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	10/657,907	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	September 9, 2003			
		First Named Inventor	Mark A. Reiley			
(Use as	many sheets	s as ne	cessary)	Art Unit	3738	
		Examiner Name	David J. Isabella			
Sheet	2	of	7	Attorney Docket Number	29914-701.405	

		U.S. PA	ATENT DOC	UMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	27	US 5,575,792	11-19-1996	Errico et al.	
	28	US 5,577,995	11-26-1996	Walker et al.	
•	29	US 5,603,713	02-18-1997	Aust et al.	
	30	US 5,643,263	07-01-1997	Simonson	
	31	US 5,683,392	11-04-1997	Richelsoph et al.	
	32	US 5,688,274	11-18-1997	Errico et al.	
	33	US 5,690,630	11-25-1997	Errico et al.	
	34	US 5,725,527	03-10-1998	Biedermann et al.	
	35	US 5,738,585	04-14-1998	Hoyt, III et al.	
•	36	US 5,741,255	04-21-1998	Krag et al.	
,	37	US 5,741,261	04-21-1998	Moskovitz et al.	
	38	US 5,766,253	06-16-1998	Brosnahan, III	
	39	US 5,782,833	07-21-1998	Haider	•
	40	US 5,797,911	08-25-1998	Sherman et al.	
	41	US 5,800,433	09-01-1998	Benzel et al.	
	42	US 5,827,289	10-27-1998	Reiley et al.	
	43	US 5,863,293	01-26-1999	Richelsoph	,
	44	US 5,866,113	02-02-1999	Hoensbroek et al.	
	45	US 5,879,350	03-09-1999	Sherman et al.	
	46	US 5,879,396	03-09-1999	Walston et al.	
	47	US 5,885,285	03-23-1999	Simonson	
	48	US 5,891,145	04-06-1999	Morrison et al.	
	49	US 5,947,893	09-07-1999	Agrawal et al.	<del> </del>
	50	US 5,964,760	10-12-1999	Richelsoph	
	51	US 6,010,503	01-04-2000	Richelsoph et al.	
	52	US 6,019,759	02-01-2000	Rogozinski	

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	53	US 6,022,350	02-08-2000	Ganem	
	_ 54	US 6,074,391	06-13-2000	Metz-Stavenhagen et al.	
	55	US 6,077,262	06-20-2000	Schläpfer et al.	
	56	US 6,086,590	07-11-2000	Margulies et al.	
	57	US 6,090,111	07-18-2000	Nichols	
	58	US 6,132,430	10-17-2000	Wagner	
	59	US 6,132,464	10-17-2000	Martin	
,	60	US 6,190,388 B1	02-20-2001	Michelson et al.	
	61	US 6,200,322 B1	03-13-2001	Branch et al.	
	62	US 6,231,575 B1	05-15-2001	Krag	
	63	US 6,248,105 B1	06-19-2001	Schläpfer et al.	
	64	US 6,280,443 B1	08-28-2001	Gu et al.	
	65	US 6,290,703 B1	09-18-2001	Ganem	
	66	US 6,309,391 B1	10-30-2001	Crandall et al.	
	67	US 6,340,361 B1	01-22-2002	Kraus et al.	
	68	US 6,340,477 B1	01-22-2002	Anderson	
	69	US 6,342,054 B1	01-29-2002	Mata	
	70	US 6,368,320 B1	04-09-2002	Le Couedic et al.	
	71	US 6,451,021 B1	09-17-2002	Ralph et al.	•
	72	US 6,471,705 B1	10-29-2002	Biedermann et al.	
	73	US 6,520,963 B1	02-18-2003	McKinley	
:	74	US 6,524,315 B1	02-25-2003	Selvitelli et al.	
	75	US 6,540,749 B2	04-01-2003	Schäfer et al.	<del></del>
-	76	US 6,547,790 B2	04-15-2003	Harkey, III et al.	
	77	US 6,554,843 B1	04-29-2003	Ou	
	78	US 6,565,565 B1	05-20-2003	Yuan et al.	
	79	US 6,572,617 B1	06-03-2003	Senegas	

Examiner	Date	
Signature ·		J
Signature	 Considered	

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				Examiner Name	David J. Isabella	
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	80	US 6,585,769 B1	07-01-2003	Muhanna et al.	
	81	US 6,638,321 B1	10-28-2003	Genet et al.	
,	82	US 6,749,361 B2	06-15-2004	Hermann et al.	
	83	US 6,770,095 B2	08-03-2004	Grinberg et al.	
	84	US 6,793,678 B2	09-21-2004	Hawkins	
	85	US 6,811,567 B2	11-02-2004	Reiley.	
	86	US 6,902,580 B2	06-07-2005	Fallin et al.	·
	87	US RE 36,758	06-27-2000	Fitz	
	88	US 2002/0013585 A1	01-31-2002	Gournay et al.	
	89	US 2002/0013588 A1	01-31-2002	Landry et al.	
	90	US 2002/0042613 A1	04-11-2002	Mata	
	91	US 2002/0049446 A1	04-25-2002	Harkey, III et al.	
	92	US 2002/0082601 A1	06-27-2002	Toyoma et al.	
	93	US 2002/0120272 A1	08-29-2002	Yuan et al.	
	94	US 2002/0123806 A1	09-05-2002	Reiley	
	95	US 2003/0191532 A1	10-09-2003	Goble et al.	
_	96	US 2003/0040797 A1	02-27-2003	Fallin et al.	
	97	US 2003/0204259 A1	10-30-2003	Goble et al.	· · · · · · · · · · · · · · · · · · ·
	98	US 2004/0230201 A1	11-18-2004	Yuan et al.	
	99	US 2004/0230304 A1	11-18-2004	Yuan et al.	
	100	US 2005/0010291 A1	01-13-2005	Stinson et al.	
	101	US 2005/0080428 A1	04-14-2005	White	-
	102	US 2005/0085912 A1	04-21-2005	Arnin et al.	
	103	US 2005/0102028 A1	05-12-2005	Arnin et al.	
	104	US 2005/0131406 A1	06-16-2005	Reiley et al.	
	105	US 2005/0177240 .	08-11-2005	Blain	
	106	US 2005/0187560 A1	08-25-2005	Dietzel et al.	
	107	US 2005/0192589 A1	09-01-2005	Raymond et al.	

Examiner	Date	
Signature	Considered	

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Sheet	5	of	7	Attorney Docket Number	29914-701.405	

		FOREIGN	PATENT DO	CUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
_	108	EP 1103226	05-30-2001	Schaefer, Bernd		
	109	EP 1205152 A1	05-15-2002	Lafitt, S.A.		
	110	WO 01/06939 A1	02-01-2001	Eurosurgical .		
	111	WO 01/15638 A1	03-08-2001	Cauthen Research Group, Inc.		
	112	WO 01/28442 A1 (in French) with English Abstract	04-26-2001	Spine Next		
	113	WO 01/67972 A2	09-20-2001	SDGI Holdings, Inc.		
	114	WO 02/00270 A1	01-03-2002	Victrex Manufacturing Ltd.		
	115	WO 02/00275 A1	01-03-2002	Victrex Manufacturing Ltd.		
	116	WO 02/02024 A1	01-10-2002	Surgival Co., S.A.		
	117	WO 02/02158 A1	01-10-2002	Victrex Manufacturing Ltd.		
	118	WO 02/071960 A1 (in French) with English Abstract	09-19-2002	Spine Next		
	119	WO 02/24149 A2	03-28-2002	Duke University		
	120	WO 02/34150 A2	05-02-2002	SDGI Holdings, Inc.		
	121	WO 03/041618 A2 (in French) with English Abstract	05-22-2003	Louis et al.		
	122	WO 03/075805 A1	09-18-2003	Chin .		
	123	WO 2004/103228 A1	12-02-2004	Archus Orthopedics, Inc.		
	124	WO 2005/009301 A1	02-03-2005	Archus Orthopedics, Inc.		L
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Examiner		Date	
Signature		Considered	
ACVANIATION. I	141-116-16-16-16-16-16-16-16-16-16-16-16-1	MARCH COO D	1: -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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		•		Com	plete if Known
Substitute fo	or form 144	9/PTO		Application Number	10/657,907
INFORMATION DISCLOSURE				Filing Date	September 9, 2003
	STATEMENT BY APPLICANT (Use as many sheets as necessary)			First Named Inventor	Mark A. Reiley
(Use a				Art Unit	3738
				Examiner Name	David J. Isabella
Sheet	6	of	7	Attorney Docket Number	29914-701.405

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. I Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published.				
	125	ABRAHAM, D.J. et al. Indications And Trends In Use In Cervical Spinal Fusions. <i>Orthop Clin North Am.</i> October 1998; 29(4):731-44.			
	126	EICHHOLZ, K.M. et al. Complications of Revision Spinal Surgery, <i>Neurosurg Focus</i> . September 15, 2003; 15(3): pp. 1-4.			
	127	FARFAN, H.F. Effects Of Torsion On The Intervertebral Joints. The Canadian Journal of Surgery July 1969; 12(3):336-41.	-		
·	128	FARFAN, H.F. The Pathological Anatomy Of Degenerative Spondylolisthesis. A Cadaver Study. Spine. 1980 Sep-Oct; 5(5):412-8.			
	129	FARFAN, H.F. et al. The Relation Of Facet Orientation To Intervertebral Disc Failure. <i>The Canadian Journal of Surgery</i> April 1967; 10(2):179-85.			
	130	FOSBINDER, R.A. et al. Essentials of Radiologic Science. The McGraw-Hill Companies; 2002.			
	131	GUYER, R. et al. Impliant: Motion Preservation through Total Posterior-Element Replacement. May 7, 2004 Presentation held at Hofburg Center, Vienna, Austria, (2 pages).			
	132	KIRKALDY-WILLIS, W.H. et al. Pathology And Pathogenesis Of Lumbar Spondylosis And Stenosis. Spine. Dec. 1978; 3(4):319-28.			
	133	KULKARNI, et al. Accelerated Spondylotic Changes Adjacent to the Fused Segment Following Central Cervical Corpectomy: Magnetic Resonance Imaging Study Evidence. <i>J. Neurosurg</i> (Spine 1). 2004; 100: 2-6.			
	.134	LAM, K. N., et al. X-ray Diagnosis: A Physician's Approach. Springer-Verlag; 1998.			
,	135	LOMBARDI, J.S. et al. Treatment Of Degenerative Spondylolisthesis. Spine. 1985; 10(9): 821-7.			

Examiner	Date	
signature	Considered	

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Substitute for form 1449/PTO INFORMATION DISCLOSURE				Application Number	10/657,907	
				Filing Date	September 9, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Mark A. Reiley	
(Use i	is many shee	ts as ne	cessary)	Art Unit	3738	
				Examiner Name	David J. Isabella	
Sheet	7	of	7	Attorney Docket Number	29914-701.405	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
•	136	MCMILLIN, C. R. et al. Artificial Spinal Discs with up to Five Years Follow-up. 20th Annual Meeting of the Society for Biomaterials (Abstract) 1994; Page 89.	
	137	POSNER, I. et al. A Biomechanical Analysis of the Clinical Stability of the Lumbar and Lumbosacral Spine. Spine. 1982; 7(4): 374-389.	
	138	ROSENBERG, N.J. Degenerative Spondylolisthesis. Predisposing Factors. <i>The Journal of Bone and Joint Surgery</i> . 1975; 57-A(4): 467-74.	
	139	SACHER, R., Impliant Brochure for presentation at MedTech Insight Conference (October 31, 2003) Boston, MA. pp. 93-94.	
	140	SLONE, R. M. et al. Body CT: A Practical Approach: The McGraw-Hill Companies; 1999.	
	141	STOUT, G. H. et al. X-Ray Structure Determination: A Practical Guide. 2nd Edition. John Wiley & Sons; 1989.	-
	142	SZPALSKI, M., et al. Spine Arthroplasty: A Historical Review. Eur Spine J. 2002; 11(Suppl. 2): S65-S84.	
	143	UCR Pedicle Screw System from SeaSpine (information available at http://www.seaspine.com/UCR_Pedicle_Screw_System.html). Accessed December 5, 2005.	
·	144	Victrex of Lancashire, Great Britain. (information on Victrex available at http://www.matweb.com). Accessed December 5, 2005.	

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signature	-	Considered	

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